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Sherrie Kahn
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PLEASE:

IMMEDIATE

July 14, 1966

CHICAGO -- Paul J. Fox, manager of retail services at Illinois Institute of Technology, has been installed as vice president of the National Association of College Stores for 1966-67.

Fox, of 4848 W. Nelson St., previously served the N.A.C.S. as a trustee, a member of the Management Seminar Faculty and on the manual of operations committee. He is currently completing his 30th year of employment with IIT, having first joined the staff of its predecessor institution, Lewis Institute in 1936.

IMMEDIATE

Ed Hansen
225-9600, Ext. 428

July 20, 1966

CHICAGO -- The appointment of Harold H. Schultz, senior staff chemist with S. C. Johnson & Son, Inc., as Racine area chairman of the Illinois Institute of Technology National Alumni Campaign, was announced today by Robert A. Pritzker, president of the Marmon Group, Inc., and national chairman of the alumni campaign. As area chairman, Mr. Schultz will be responsible for coordination of campaign activities in and around Racine.

The alumni campaign is part of an IIT development drive, called "Investment in Tomorrow," in which \$25,000,000 is being sought through personal solicitation on a nationwide basis and is intended for the achievement of the university's most urgent requirements in its long-range development program. These include faculty additions and salary increases, undergraduate scholarships and graduate fellowships, equipment and other program resources, and new buildings.

Mr. Schultz, who lives at 1304 West Lawn Avenue, Racine, received his bachelor of science degree in chemical engineering from IIT in 1944, and his master of science degree from Marquette University. He is a member of the American Chemical Society and the Meadowbrook Town and Country Club.

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Ed Hansen
225-9600, Ext. 428

July 21, 1966

CHICAGO -- The department of architecture of Illinois Institute of Technology has received one of five research grants awarded to schools of architecture this year by the American Iron and Steel Institute, a non-profit organization representing the American steel industry. Thirty-two schools of architecture had applied for the five available grants.

In announcing the \$8,000 award, Professor George E. Danforth, director of the IIT architecture department, said that the funds will be used to finance graduate research in the areas of long span roof systems, tall buildings and prefabricated structures at the residential level. The work will be in the form of masters degree thesis projects, he said, and will be concerned with an investigation of structural types and their architectural applications.

Members of the steering committee of the Plans for Progress Workshop on youth employment problems present a plaque to workshop director Dr. Charles Dewey at Illinois Institute of Technology. Committee members are: (L to R) Harry C. Baker, manager employee relations, International Harvester Co.; John M. Scanlan, general personnel supervisor, employee and educational service department, Illinois Bell Telephone Company; Harold W. Wittenborn, vice president in charge of personnel and industrial relations, Cook Electric Company; J. Patrick Sanders, staff assistant, Commonwealth Edison Company; James Turnbull, Cook Electric; and William G. Caples, vice president in charge of industrial and public relations, Inland Steel Company. The four-week course for high school teachers and guidance counselors featured industrial tours and discussions with business leaders in order to make the educators more aware of business needs in personnel.

rom



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Sherrie Kahn
225-9600, Ext. 429

July 26, 1966



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RELEASE: IMMEDIATE

July 26, 1966

CHICAGO -- An association formed during the World Congress on Engineering held at Illinois Institute of Technology last year was cemented this summer between an IIT professor and engineering professor at the Catholic University of Peru.

Dr. Sidney A. Guralnick, an IIT associate professor of civil engineering, recently returned from Lima where he advised the faculty of the Catholic University on the establishment of a civil engineering laboratory similar to the facilities in Chicago. An expert in concrete structures, Guralnick traveled as a consultant to the Ford Foundation's Latin American program. The trip was an outgrowth of a meeting between Guralnick and Ricardo Rey, dean of engineering at the Catholic University, during the World Congress meetings at IIT in 1965. After touring Dr. Guralnick's laboratory at IIT, Rey asked the Ford Foundation to support activities leading to the establishment of facilities at the South American University similar to the IIT operation.

Guralnick, a native of Philadelphia, was appointed to the IIT faculty in 1958. He makes his home at 1301 E. 55th St., Chicago.

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RELEASE: **IMMEDIATE**

July 27, 1966

CHICAGO -- The exploration of new concepts in structural design involving cable suspension roofs will be the purpose of a conference on October 18, 1966, at Illinois Institute of Technology. About 400 architects, engineers, and students are expected to attend the meeting which is jointly sponsored by the IIT departments of architecture and civil engineering. The program is being coordinated by Bethlehem Steel Corporation.

The professional registration fee is \$15.00, including luncheon and textbook. Student registration is \$4.00, and must be accompanied by a letter of authorization from a university department. Checks and inquiries should be sent to: Cable Roof Design Conference, c/o Mr. William R. Unbar, Director, Grover M. Hermann Hall, Illinois Institute of Technology, Chicago, Illinois 60616. Phone: 225-9600, Ext. 364.

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NOTE TO EDITOR: A conference program is attached.

CABLE ROOF DESIGN CONFERENCE
GROVER M. HERMANN HALL
ILLINOIS INSTITUTE OF TECHNOLOGY

TUESDAY, OCTOBER 18, 1966

8:30	Registration	
9:00	Official Welcome	Prof. George Danforth, Chairman, School of Architecture, IIT
9:15	Conference Outline and Goal	Prof. E. I. Fiesenheiser, Chairman, Dept. of Civil Engineering, IIT
	History, and Contemporary Challenge of Suspension Methods	R. M. Gensert, P. E., R. M. Gensert Associates, Cleveland and Pittsburgh
9:45	C O F F E E B R E A K	
10:00	Roundup of Outstanding Bldgs.; Various Cable Systems, and their Force Diagrams	W. M. Schwenke, Asst. to Chief Engineer, Williamsport Plant, Bethlehem Steel Corporation, Williamsport, Pennsylvania
10:45	Basic Design Principles Including Statics, Dynamics, and Systems	Dr. Lev Zetlin, P. E., Lev Zetlin & Associates, New York City
11:30	Display of Photographs, Models, and Cable Hardware	
12:00	L U N C H E O N - Ballroom	
1:15	Design of Cable Net Roof Systems	Dr. K. H. Chu, Professor of Civil Engineering, IIT
2:00	Cables and Connections; Manufacturing and Socketing	J. T. Smith, Wire Rope Specialist, Bethlehem Steel Corporation, Bethlehem, Pennsylvania
2:30	Erection Engineering of Cable Structures	Fred Fischer; Severud; Perrone; Fischer; Sturm; Conlin; Bandel, New York City
3:00	C O F F E E B R E A K	
3:15	Related Examples of Cable Structures: Bridges, Towers, Etc.	A. A. Hoffman, Sales Engineer, Bethlehem Steel Corporation, Chicago, Illinois
3:30	Structure Supported Fables	Tasso Katselas, Architect & Planner, Pittsburgh, Pa.
4:15	Summary: Questions and Discussions	Prof. Fiesenheiser and all Panelists

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RELEASE: **IMMEDIATE**

August 2, 1966

CHICAGO -- A contract for construction of a four million dollar engineering building on the campus of Illinois Institute of Technology has been awarded to Power Construction, Inc., an Oak Park, Illinois general contracting firm, Raymond J. Spaeth, IIT vice president and treasurer, announced today. Work on the new building, which will be located on the west side of State Street between 31st and 32nd Streets, will begin next week, and it is expected to be ready for occupancy by November, 1967.

The new structure, which is the first and larger of two new engineering buildings planned in the current IIT development program, will house the departments of mechanical and aerospace engineering, industrial engineering, mechanics, and mathematics, providing 137,000 sq. ft. of floor space on three levels for laboratories, classrooms, faculty offices, a 200-seat auditorium and related facilities.

Grants of more than \$1,400,000 toward the new building have been received from the U. S. Department of Health, Education and Welfare. The balance required for construction and equipment is being sought through IIT's \$25,000,000 Investment In Tomorrow campaign.

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This building is the second academic structure to be built under the development program, the first being the \$3,200,000 Life Sciences Building, to be ready for occupancy this Fall. Other buildings completed or in progress include a \$825,000 dormitory and food services addition, two additional dormitories costing \$1,500,000, and a \$2,000,000 swimming pool and gymnasium (Arthur Keating Hall). A second engineering building, which will cost about \$2,000,000, and a \$2,800,000 Physics-Chemistry Building are planned for the near future.

Designed by Skidmore Owings & Merrill to be in harmony with existing campus architecture, the new engineering building will consist of a steel framework supporting curtain walls of glass and steel masonry. The first level, which will be below ground, will house sections of Mechanics and Aerospace Engineering, as well as general classrooms. A series of laboratories will include Gas Dynamics and Power, Photoelasticity, Material Processing, Fluid Power Systems, Vibration and Dynamics, and Control Systems. There will also be a Boundary Layer Wind Tunnel, a Low Velocity Wind Tunnel, and a Heat Transfer Wind Tunnel. Mechanical services for the building will also be accommodated on this level.

Mechanical and Aerospace Engineering will share the second level with Industrial Engineering, Mathematics, and the auditorium. A complex of three laboratories will serve Industrial Engineering. Shock Tubes and

Plasma Research will take up two rooms of the Mechanical and Aerospace Engineering section, which will also house a Hot Gas Laboratory and supersonic and hypersonic wind tunnels. Mathematics and Industrial Engineering offices will be on the outer corridors and there will be eight classrooms. The lobby at the entrance to the building will be on this floor and will offer suitable space for displays.

The offices of the Mechanics and Mechanical and Aerospace Engineering departments will line the greater part of the outer corridors of the third level. Mathematics offices and classrooms will be situated in the inner rectangle. The Mathematics area will also include two conference rooms, as well as a departmental library for ready access to source materials.



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August 11, 1966

CHICAGO -- Robert J. Kruchten, son of Mr. and Mrs. Francis Kruchten, 9633 S. Dobson, Chicago, will receive his commission as 2nd Lieutenant, USAF, on August 16, 1966, having successfully completed the AFROTC curriculum at Illinois Institute of Technology. Kruchten, who is presently following his course of study for a Bachelor of Science Degree in Mechanical Engineering at IIT, will graduate in January of 1967. He will be commissioned in a public ceremony at the Air Force detachment office at IIT.



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IMMEDIATE**Ed Hansen****225-9600, Ext. 428**

August 24, 1966

CHICAGO -- The appointment of Robert W. Erikson, chief engineer of Sunstrand Hydraulics, Rockford, Illinois, as Rockford area chairman of the Illinois Institute of Technology National Alumni Campaign, was announced today by Robert A. Pritzker, president of the Marmon Group, Inc., and national chairman of the alumni campaign. As area chairman, Mr. Erikson will be responsible for coordination of campaign activities in and around Rockford.

The alumni campaign is part of an IIT development drive, called "Investment In Tomorrow," in which \$25,000,000 is being sought through personal solicitation on a nationwide basis and is intended for the achievement of the university's most urgent requirements in its long-range development program. These include faculty additions and salary increases, undergraduate scholarships and graduate fellowships, equipment and other program resources, and new buildings.

Mr. Erikson received his degree in mechanical engineering from IIT in 1944. He is a member of the American Society of Heating, Refrigerating and Air-Conditioning Engineers.

Mr. Erikson lives at 913 North Main, Rockford.



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RELEASE: IMMEDIATE

August 31, 1966

CHICAGO -- Amsted Industries Foundation has awarded an unrestricted grant of \$100,000 to Illinois Institute of Technology, Mr. Joseph B. Lanterman, president of Amsted Industries, Incorporated, of Chicago, announced today. According to IIT President John T. Rettaliata, the funds will be used for support of the general purposes of the university's current \$25,000,000 institutional development program.

The \$25,000,000 is being sought for the achievement of the institution's most urgent requirements in its long-term development program. These include faculty additions and salary increases, undergraduate scholarships and graduate fellowships, equipment and other program resources, and new buildings.

Eight new buildings have recently been completed, are under construction, or are planned for the immediate future. These include two dormitories costing a total of \$1,500,000 plus an \$825,000 dormitory and food services addition, now completed; a \$3,200,000 Life Sciences Building, a \$2,000,000 swimming pool and gymnasium (Arthur Keating Hall) and a \$4,000,000 engineering building, now under construction; and a \$2,800,000 Physics-Chemistry Building and a second engineering building costing \$2,000,000, to be built in the near future.

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Illinois Institute of Technology graduate student Kishar Kilkarni (L) shows his advisor, Associate Professor Serope Kalpakjian the plaque he won along with \$1,000 first prize in a technical writing contest. The prize also included an all-expense trip for both the Indian student and his Turkish-born professor to Colorado Springs, Colo.

September 2, 1966

Sherrie Kahn
225-9600, Ext. 429

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RELEASE: **IMMEDIATE**

September 6, 1966

CHICAGO -- The appointment of Dr. Spencer B. Smith as associate professor of industrial engineering at Illinois Institute of Technology was announced today by Dr. Martin A. Elliott, academic vice president of IIT.

For the last five years Dr. Smith has been operations research manager for Montgomery Ward & Company. Previously, he had been associated with Raytheon Company and Mergenthaler Linotype Company, and had served as a consultant to the United Nations. Dr. Smith received his bachelor of science degree from McGill University in Montreal and his master of science and doctor of engineering science degrees from Columbia University. He also did graduate work at Northeastern University. He is the author of a number of articles which have appeared in professional journals and is a member of six professional societies.

At IIT Dr. Smith will serve as chairman of the graduate committee of the industrial engineering department and will supervise graduate and undergraduate courses in operations research and statistics. He will also conduct research in his field.

Dr. Smith lives at 402 Lee Street, Evanston, Illinois.

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RELEASE:

IMMEDIATE

September 7, 1966

CHICAGO -- Announcement of a \$100,000 unrestricted grant to Illinois Institute of Technology by the Santa Fe Foundation, Inc., was made today by Mr. Ernest S. Marsh, president of the Atchison, Topeka and Santa Fe Railway System.

In accepting the gift, IIT President John T. Rettaliata said that the Santa Fe funds would be used for the general purposes of the university's institutional development program for which a \$25,000,000 fund-raising drive is now in progress.

The \$25,000,000 is being sought for the achievement of the institution's most urgent requirements in its long-term development program. These include faculty additions and salary increases, undergraduate scholarships and graduate fellowships, equipment and other program resources, and new buildings.

Eight new buildings have either recently been completed, are under construction, or are planned for the immediate future. These include two dormitories costing a total of \$1,500,000 plus an \$825,000 dormitory and food services addition, now completed; a \$3,200,000 Life Sciences Building, a \$2,000,000 swimming pool and gymnasium (Arthur Keating Hall), and a \$4,000,000 engineering building, now under construction; and a \$2,800,000 Physics-Chemistry Building

-more-

ADD 1 --

and a second engineering building costing \$2,000,000, to be built in the near future.

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RELEASE:

September 8, 1966

MEMO TO THE EDITOR:

A special orientation session for secondary school administrators and teachers will launch Operation Transceive, the program in which Chicago area high schools are connected with the computation center at Illinois Institute of Technology by means of teletypewriters and telephone lines.

The briefing session, on Saturday, Sept. 10, from 9 a.m. to noon, will take place in Room 131, Perlstein Hall, 10 W. 33rd Street, on the IIT campus and is open to the press. Among the participants will be the staff of the IIT Computation Center, representatives of Illinois Bell Telephone Company and a representative from the Gary (Ind.) School System, which recently received a two year grant from the Federal government to support its part in Operation Transceive as part of the city's high school computer education program.

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Among the participating schools are:

CHICAGO -- Brother Rice, North, West and South Shore

DOWNERS GROVE -- Downers Grove High School

LA GRANGE, ILL. -- Lyons Township High School

OAK PARK-RIVER FOREST High School

GARY -- the 9 public and Catholic High Schools

HIGHLAND, IND. -- Highland High School

MUNSTER, IND. -- Munster High School.

IMMEDIATE

Sherrie Kahn
225-9600, Ext. 429

September 10, 1966

CHICAGO -- "Operation Transceive," a program in which approximately fifty Chicago-area high schools are to be connected with the IIT Computation Center was officially launched today at Illinois Institute of Technology.

The briefing, in Perlstein Hall on the IIT campus, explained the process of connecting the high schools with IIT's computer by means of Illinois Bell Telephone lines and teletypewriter units installed in the schools. Taking part were representatives of Illinois Bell, members of the staff of the IIT Computation Center and personnel from participating schools.

In "Operation Transceive," the Illinois Bell units in the high schools will convert IITRAN, a student-oriented computer language developed by IIT, into impulses to be carried over the Bell system to the IBM 360 computer at the university. The computer is capable of accommodating several hundred remote teletypewriter units.

The program is an outgrowth of computer courses for high school students and teachers which have been conducted at IIT for the last four years. Dr. Peter G. Lykos, director of the IIT Computation Center, notes that some five thousand students and 500 teachers from 200 high schools in the Chicago area have completed the courses in computer technology given in special

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Saturday sessions at the center.

Graduates of the courses have formed computer clubs in their schools and use their new-found knowledge to prepare problems for the computer in science, math, business, economics and many other fields. Teletypes will be installed in the schools' information or library resource centers and manuals will be made available to allow interested students to pursue various aspects of computer science on their own or as part of the computer clubs' activities. The schools will depend on the IIT Saturday program staff for back-up.

Dr. Lykos stated that in schools which have teachers with some computer programming experience, such as the IIT teachers computer workshop provides, the computer can be used as a support tool to enrich the existing curriculum. Many textbooks and workbooks, he said, are now available which give familiar but appropriate problems in mathematics, the physical sciences, the biological sciences and business and economics.

"In some schools," Lykos said, "the teachers have had sufficient training and experience so that they will be able to develop a one-semester or even a two-semester course in computer science, which would consist of an introduction to the computer, an introduction to programming, and an introduction to some important numerical mathematical methods."

"To go beyond the 'introduction to computer programming'," he continued, "requires course and curriculum development. This is in rather a primitive state, but there are a number of places

where cooperative ventures are being initiated between high schools and universities, such as that between IIT and several high schools in the Chicago area. In addition, universities such as IIT are developing undergraduate and graduate programs in computer and information science and courses are now available. Also, a number of high schools, as well as junior colleges, have adult education programs underway and the computer can be used for programming and data processing courses. There is a large and growing need for this kind of program. Computer professionals can be retained as part-time instructors."

Lykos pointed out that one important aspect of computer programming instruction and computer-based problems is the elimination of that bane of the teacher's existence, homework grading. He predicted that teachers will come to use a conveniently available computer routinely for maintaining class records and computing grades.

Using the Illinois Bell-IIT hook-up, punched paper tape containing all of the programs and data for the day can be started into the school's teletype reader at the end of the school day and left unattended. During the night the teletype will be interrogated by the IIT computer over the phone line, the work completed and the results transmitted back, automatically. Student records as well as student programs can be handled this way.

As an example of the minimum expense involved in establishing instant communication between a high school and a major computer center such as that at IIT, Lykos stated that the use of an Illinois Bell teletype unit will cost the Chicago-area schools about \$150.00

a month for each installation. Processing a simple student problem costs about six cents in computer time, which, for example, is much less than the cost of circulating a book from a large city library.

Lykos believes that the IIT teacher computer workshop series, a six-Saturday program during the academic year or a two-week institute during the summer, is usually sufficient to familiarize the teacher with the workings of a computation center and the basics of computer programming.

"There is no more effective way," Lykos said, "to dispel the aura of mystery about the computer than to have actual computer experience by school administrators, teachers, and students."

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RELEASE:

IMMEDIATE

September 14, 1966

CHICAGO -- Gifts totaling \$100,000 in value have been awarded to Illinois Institute of Technology by Chicago Bridge & Iron Company and the Chicago Bridge & Iron Foundation. Senior Vice President and Treasurer S. C. Hamilton said research equipment worth \$50,000 had been given by the company. Another \$50,000 in unrestricted funds was presented to the university by the Foundation, which is sponsored by the world-wide metal plate fabricating and construction firm.

Dr. John T. Rettaliata, president of IIT, in accepting the gift, stated that the unrestricted funds would be used for the general purposes of the current \$25,000,000 IIT institutional development program.

The \$25,000,000 is being sought for the achievement of the institution's most urgent requirements in its long-term development program. These include faculty additions and salary increases, undergraduate scholarships and graduate fellowships, equipment and other program resources, and new buildings.

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Eight new buildings have recently been completed, are under construction, or are planned for the immediate future. These include two dormitories costing a total of \$1,500,000 plus an \$825,000 dormitory and food services addition, now completed; a \$3,200,000 Life Sciences Building, a \$2,000,000 swimming pool and gymnasium (Arthur Keating Hall) and a \$4,000,000 engineering building, now under construction; and a \$2,800,000 Physics-Chemistry Building and a second engineering building costing \$2,000,000, to be built in the near future.

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RELEASE:

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September 21, 1966

CHICAGO -- A gift of \$113,000 to Illinois Institute of Technology from the Sterling Morton Charitable Trust was announced today by its trustees - Mrs. Sterling Morton, Mrs. Suzette Morton Zurcher and Mr. Clayton J. Adams. The funds will be applied to the construction of an auditorium in the Life Sciences Building now nearing completion on the IIT campus.

In accepting the gift, IIT President John T. Rettaliata said that the auditorium, which seats 250 persons and can be divided into three separate teaching areas, will be named for the late Sterling Morton, formerly president of Teletype Corp., an IIT trustee, and the son of Joy Morton, founder of the Morton Salt Company and of The Morton Arboretum at Lisle, Illinois.

The Life Sciences Building, which will open during the 1966 Fall semester, is a four-level structure on the corner of 31st and State Streets, designed by the architectural firm of Skidmore, Owings

-more-

and Merrill in harmony with the master plan for the IIT campus drawn up by Mies van der Rohe. Eventually, the building will be entirely occupied by the university's department of psychology and education and the department of biology with their related research centers.

Built as a steel frame supporting glass and brick curtain walls, the building has among its unusual features an anechoic (echoless) chamber; a psychological testing center with a private entrance and a children's therapy room; a laboratory for animal study including dark, cold, and instrument rooms; and two domed rooms to be used for studies of loss of orientation.

The Life Sciences Building is one of eight new buildings being constructed in the course of IIT's current \$25,000,000 development program.

Herman H. Henkle, (R) executive director of the John Crerar Library accepts a \$1,500 check in behalf of the library from Claude S. Brinegar, president of Pure Oil Company, a division of Union Oil Company of California. Henkle said the unrestricted grant marks 20 years of continued library support by Pure Oil. The John Crerar Library, located on the campus of Illinois Institute of Technology, is one of the largest scientific, technological and medical collections in the world.

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September 26, 1966



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FOR RELEASE:

September 26, 1966

MEMO TO: City Desks, Science Editors, Financial Editors,
Editors and Staff Members of Technical and Trade Publications

SUBJECT: 22nd Annual National Conference on Fluid Power

DATE: Thursday and Friday, October 20-21, 1966

PLACE: Sherman House, Chicago

Enclosed is the advance program for the 1966 National Conference on Fluid Power (formerly National Conference on Industrial Hydraulics), to be held October 20-21, at the Sherman House, Chicago. The conference is sponsored by Illinois Institute of Technology in cooperation with several national and local engineering societies and more than 100 industrial organizations.

Abstracts of most of the technical papers to be presented are now available. If you wish copies of these abstracts please let us know. Most papers will not be available until the conference convenes.

PLEASE NOTE: Publication date of parts of or abstracts of papers should not precede the date the paper is presented.

For further information telephone or write:

Sherrie Kahn, Assistant Director Press Relations
Illinois Institute of Technology
Chicago, Illinois 60616

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RELEASE: **IMMEDIATE**

September 27, 1966

CHICAGO -- The appointment of Dr. Barry Bernstein as professor of mathematics at Illinois Institute of Technology was announced today by Dr. Martin A. Elliott, IIT academic vice president.

Dr. Bernstein, a native of New York, worked with the National Bureau of Standards in Washington previous to his appointment to the IIT faculty. A specialist in the mechanical applications of mathematics, Dr. Bernstein was associated at the Bureau of Standards with a group studying the elasticity and fluidity of common materials. Last July, Dr. Bernstein and other members of the group received the Bureau of Standards Certificate of Achievement for a report on their work entitled, "Theory of the Perfect Elastic Fluid."

Through their work, Dr. Bernstein explained, the group was able to predict the behavior of materials and the rate of change and recovery of form. "The most obvious example of a visco-elastic material is, of course, rubber, but other materials--such as egg white, plastics, adhesives, wood and some biological fluids--have properties which give them the ability to alter form and recover original shape," he said. "We studied the phenomena directly rather than through molecular considerations and we measured time effects of large deformations."

-more-

ADD 1 -- Bernstein Appointment

The author of numerous technical papers, Bernstein, 35, also has had poetry published. He has taught at Indiana University, the University of Maryland, Catholic University and Purdue University.

At IIT he will teach differential equations in the mathematics department and a course on the mechanics of deformable bodies in the department of mechanics and engineering sciences during the fall semester.

After 11 years of research for the government and part-time teaching, Dr. Bernstein says he looks forward to pursuing his original plans to teach full time at a university. He says that he also looks forward to continuing research--particularly to working with IIT faculty members in other departments.

A graduate of City College of New York, Dr. Bernstein received his M.A. and Ph.D. from Indiana University.

Editor's Note: Dr. and Mrs. Bernstein live at 1039 N. Oak Park Ave., Oak Park, Ill. They have two daughters: Lynn S., age 8 and Jill F., age 3.

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Jay Burns
842-9417 or Ext. 791

September 29, 1966

CHICAGO -- Coach Ed Glancy has announced that all IIT home basketball games will be played at the DeLaSalle high school gymnasium this season pending the completion of IIT's new swimming pool and gymnasium, Arthur Heating Hall, scheduled to open in the Fall of 1967. Tip-off time at DeLaSalle will be 8:00 p.m.

There are two gymnasiums at DeLaSalle and IIT will be using the new one. The high school is located on 35th Street (south) between Michigan and Wabash Avenues, on the southern border of the IIT campus.

More information will be released as it becomes available regarding the other athletic facilities at IIT.

Public Relations

Also serving: Institute of Gas Technology and Crerar Library

For further information on this release, contact:

Ed Hansen
225-9600, Ext. 428

RELEASE:

IMMEDIATE

September 30, 1966

CHICAGO -- "Our Cities: Where To, What Next?" will be the subject of a talk by Paul A. Thomas, assistant professor of architecture at Illinois Institute of Technology, at a monthly luncheon meeting of IIT alumni on Oct. 6 at the Chicago Engineers Club, 314 South Federal Street.

An architect who specializes in regional planning, Professor Thomas will discuss the future shape of cities and neighborhoods, means of transportation and architecture. He will address himself to such questions as: Does the future hold "more and more of worse and worse," longer and tighter traffic jams, or will it mean mass helicopter travel or commuting by a now unknown means of transportation? Will the small town return - where people live within walking distance of their work - or will we spend shorter hours at work and more time getting there? With the American population now 85% urbanized, what does the future development of our cities offer for our way of life?

The meeting on October 6 will be the first in the 1966-67 series of monthly IIT Alumni Luncheons. The over-all theme of talks to be given during the series will be "The Shape of Things

-more-

ADD 1 --

to Come," and speakers will explore the future in terms of metropolitan planning, research and development, the computer, management planning, consumer product design, new industries, the physical sciences, and the future of IIT itself.

-30-

Note to Editor: Prof. Paul A. Thomas lives at 1310 Wildwood, Northbrook, Ill. A schedule of talks to be given in the 1966-67 IIT Alumni Luncheon Series is attached.

**SCHEDULE OF "THE SHAPE OF THINGS TO COME"
1966-67 MONTHLY IIT ALUMNI LUNCHEON SERIES**

Oct. 6	"Our Cities: Where To, What Next?"	Paul A. Thomas, Assistant Professor of Architecture, IIT
Nov. 3	"The View from the Top: Research and Development at IIT Research Institute"	Dr. E. H. Schulz, Director of IIT Research Institute
Dec. 1	"Your Christmas Shopping List for 1976	Jay Doblin, Director of the IIT Institute of Design
Jan. 5	"A Random Walk with the Computer"	Harold Kantner, Senior Scientific Advisor, IIT Research Institute
Feb. 2	"Can You Be Replaced by Automation"	Dr. Elmer H. Burack Associate Professor of Management, IIT
March 2	"Industries of the Future"	William G. Bell, Vice President and General Manager, Corplan Associates
April 6	"Our Stake in the Physical Sciences"	Dr. Thomas Erber, Associate Professor of Physics, IIT
May 4	"Your University and the Future"	Robert E. Nelson, Vice President for Institutional Development, IIT

The second and the last meetings (Nov. 3 and May 4) will be held on the IIT campus. All others will be held in the fourth floor dining room of the Chicago Engineers Club, 314 South Federal Street, Chicago, beginning at 12:15 p.m. The Nov. 3 meeting will be held in IITRI Research Tower, 10 West 35th Street; the May 4th meeting will be held in Grover M. Hermann Hall, 32nd and Dearborn Streets. Editors are invited.



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Sherrie Kahn
225-9600, Ext. 429

RELEASE: **IMMEDIATE**

September 30, 1966

CHICAGO -- The appointment of David E. Busse as assistant director of admissions at Illinois Institute of Technology was announced today by Dr. Martin A. Elliott, IIT academic vice president.

Busse, a graduate of Dubuque (Ia.) University, received his master's degree from New York University. He has previously been associated with Dubuque University as admissions counselor and with Equitable Life Assurance Society.

A native of Monona, Iowa, Busse and his wife now live in Evanston, Ill. (at 1114 Maple Ave.).



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RELEASE: **IMMEDIATE**

September 30, 1966

CHICAGO --

has been named by Illinois Institute of Technology to represent the university in contacts with concerning the 1966 IIT Visitors Day (the annual IIT Open House) which will take place on October 15.

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FOR RELEASE:

IMMEDIATE

Ed Hansen
225-9600, Ext. 428

October 3, 1966

CHICAGO -- The establishment of a department of environmental engineering at Illinois Institute of Technology has been announced by Dr. Ralph G. Owens, dean of the IIT college of engineering and physical sciences. The new department will grant graduate degrees, both the M.S. and the Ph.D.

"Departmental status," Owens said, "is a recognition of the rapid growth in this field at IIT within the department of civil engineering, in students, faculty, courses and research, and of the increasing significance of environmental engineering at the national level and in the local area."

The new department will continue IIT's emphasis on water supply and air and water pollution control ("sanitary engineering") and will expand into other engineering aspects of environmental control as the need and the facilities grow, Owens said.

Dr. C. Fred Gurnham, who since 1962 has been professor of civil engineering and chemical engineering at IIT, has been named chairman of the department of environmental engineering. He came to IIT after 14 years in the chemical and process industries, and 3 years at Tufts University and 10 years at Michigan State University as chairman of their departments of chemical engineering.

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Associate Professor Robert B. Grieves, in the department of civil engineering since 1963, has been transferred to the new department, and Assistant Professor Clifford J. Crandall has been appointed recently to this group.

According to Gurnham, the new department expects to draw most of its graduate students from among undergraduates majoring in civil or chemical engineering, although some will come from the physical and biological sciences. He points out that there is an ever-increasing demand for people with backgrounds in environmental engineering by governmental control agencies at the federal, state and local levels, as well as by industry and consulting engineering firms. More than 40 graduate students have enrolled in the courses offered by the new department this fall.



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For further information on this release, contact:

Jay Burns
225-9600, Ext. 791

October 3, 1966

RELEASE: IMMEDIATE

CHICAGO -- John Mathys has been named 1966 varsity cross-country coach for Illinois Institute of Technology. He will be taking over from Harry Ault, who had the team last season when they posted an 8-3 record.

Coach Mathys, 29, received his B.S. in chemical engineering from IIT in 1959, an M.B.A., also from IIT, in 1961, and is currently working on his Ph.D. thesis. John's brother, Nick, who was also in the business curriculum at IIT, coached the cross-country team two years ago.

Dan Edwards, captain of last year's squad has been selected as captain pro-tem of this season's team. Five promising freshmen are competing with the three veterans and one new sophomore for the starting spots in the first meet, on October 8th.

IIT will be competing on its traditional lakefront course and all home meets will be three miles. This season's opponents include Rockford and all schools included in the Rockford Relays: Concordia (River Forest), Trinity Christian College, Trinity College (Deerfield), and Illinois Teachers Colleges North and South.

Mathys lives at 3361 S. Michigan Ave., Chicago.



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Ed Hansen
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RELEASE: IMMEDIATE

October 4, 1966

CHICAGO -- Ted A. Erikson, noted marathon swimmer, will be the featured speaker at the 20th Annual John Schommer Sports Dinner of the Illinois Institute of Technology Alumni Association, to be held in Grover M. Hermann Hall on the IIT campus, Saturday, October 15.

Erikson, who received his bachelor's and master's degrees at IIT and is a senior chemist at IIT Research Institute and IIT swimming coach, will explain how one of IITRI's digital computers was programmed to simulate swimming routes so that he was able to take advantage of the tides and channel currents when he made his record-breaking round-trip crossing of the English Channel in 1965. Data about the direction, speed, and changes in the Channel's tidal currents, along with Erikson's swimming speed, were fed into the computer to calculate the best route for crossing.

Erikson's programmed swim, which he accomplished in 30 hours and 3 minutes, took thirteen hours less than the only other successful round-trip channel swim.

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ADD 1 -- Schommer Sports Dinner

The annual sports dinners were initiated in 1946 by the late John Schommer, athletic director of IIT and a well-known sports figure. In 1963 the event was named in memory of Mr. Schommer, in recognition of his fifty years of service to IIT. Members of Honor "I," the university's athletic honorary society, will be guests at this year's dinner.



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Sherrie Kahn
225-9600, Ext. 429

RELEASE:

October 5, 1966

CHICAGO -- A leading authority on computers will present his views on the impact of this expanding science in an open meeting Oct. 7, on the campus of Illinois Institute of Technology.

Dr. Richard W. Hamming, head of the numerical methods research department of Bell Telephone Laboratories, will speak on "The Reaction of the World of Mathematics to the Electronic Digital Computer," at 7:30 p.m. in the cafeteria of IIT Research Institute Tower, 10 W. 35th Street. The meeting, open to the public free, is being sponsored jointly by the Chicago chapter of the Association for Computing Machinery and the IIT chapter of Sigma Xi, national mathematics honorary society.

A native of Chicago, Dr. Hamming stated his philosophy, "The Purpose of Computing Is Insight, Not Numbers," as a subtitle to his book, Numerical Methods for Scientists and Engineers, (McGraw-Hill, April, 1962).

Since joining the Bell Laboratories in 1946, Dr. Hamming has specialized in the use of numerical methods for solving problems on large-scale computing machines. He has been engaged in the design of large-scale computers and holds a patent for error-detecting and

-more-

ADD 1 --

error-correcting codes.

Hamming is also a professor at City College of New York, teaching a course in numerical analysis. He began his teaching career as a mathematics instructor at the University of Illinois from 1942 to 1944, and has been on the faculties of the University of Louisville and New York University. From 1945 to 1946, he was a member of the staff of the Los Alamos Laboratory in New Mexico where he worked on atomic bomb computations.



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RELEASE: IMMEDIATE

October 6, 1966

CHICAGO -- The appointment of Dr. Stanley Buder as Co-ordinator of the Metropolitan Studies Center of Illinois Institute of Technology has been announced by Dr. Martin A. Elliott, academic vice president of IIT. Dr. Buder, an assistant professor of history, has been a member of the IIT faculty since 1962.

The IIT Metropolitan Studies Center, which was established in 1963, is an interdepartmental program of education and research dealing with the major problems of urban areas. Beginning at the undergraduate level, the center's program prepares students for the increasing number of administrative positions in governmental agencies; for positions with civic and community organizations; and for careers as teachers and city managers.

In order to prepare students to deal with urban problems of traffic congestion, blight, air and water pollution, housing and community planning, inadequate educational and health facilities, etc., the center uses the academic resources of the entire university and draws upon the knowledge of specialists in commerce, government and industry as visiting lecturers. The faculty of the core program

-more-

ADD 1 -- Dr. Stanley Buder Appointment

represents the fields of architecture, city and regional planning, civil engineering, economics, engineering graphics, history, political science, public administration, and sociology.

Professor Buder received his Ph.D. from the University of Chicago. He has recently completed a study entitled "Pullman: an Experiment in Industrial Order and Community Planning - 1880 - 1930" which analyzes an early Chicago example of modern city planning. His article "Social Control and Town Planning in the Gilded Age," will shortly be published by the Journal of the American Institute of Planners. He was recently asked to serve on the Central Committee of the Chicago Area Historical Records Committee.



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RELEASE: **IMMEDIATE**

October 10, 1966

CHICAGO -- In ceremonies taking place October 17, 1966, a building on the campus of Illinois Institute of Technology will be named in honor of Robert I. Wishnick, an alumnus and trustee of IIT. Mr. Wishnick is founder and chairman of the executive and finance committees of Witco Chemical Company, Inc., of New York.

The building, which was designed by Mies van der Rohe, and is one of those which set the architectural style for the development of the campus, is to be called Wishnick Hall. It houses the faculty offices, classrooms and laboratories of the IIT department of chemistry. Over half of its 60,000 square feet are devoted to laboratories, and it also contains an auditorium seating 360 people. Wishnick Hall stands in the center of the university's academic area, at Federal and 33rd Streets, and the campus carillon chimes from its roof.

Wishnick Hall is being named in recognition of Mr. Wishnick's leadership and of his support to the university and its institutional development program. In January of this year, he gave IIT \$1,000,000 as an unrestricted gift. IIT is also expressing its appreciation of assistance from Mr. Wishnick's company by giving the name "Witco Chemical Laboratories" to newly-remodeled undergraduate laboratories in the building.

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ADD 1 -- Wishnick Hall Dedication

At the time that he made his gift, Mr. Wishnick said: "It has been gratifying to see IIT develop in stature over the years, not only because it is my alma mater, but because the medium-sized private institution of higher learning is one of our most valuable natural resources. It is vital to support such institutions in their commitment to the advancement of knowledge and to support superior education for the individual student."

Mr. Wishnick was born in Koltchina, Russia, one of a family of eight children which emigrated to the United States when he was four years old. He graduated from Armour Institute of Technology, a predecessor of IIT, in 1914, with a bachelor of science degree in chemical engineering and subsequently earned the LL.B degree from Chicago-Kent College of Law. He founded the Witco Chemical Company, Inc. in 1920 and served as chairman of the board until 1962, when he assumed his present title. He has been a member of the board of trustees of IIT since 1936, received the Alumni Association's Service Award in 1953 and, in 1963, was honored by the IIT students with the Outstanding Alumnus Award.

Mr. Wishnick is a member of many professional associations and has long been active in civic affairs, serving as a trustee and former president of the Jewish Child Care Association of New York, a trustee of the Hospital for Joint Diseases, New York, a director of the Federation of the Handicapped and a director of the New York USO Committee.

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DD 2 -- Wishnick Hall Dedication

Mr. and Mrs. Wishnick live in New York City. They have three children: Betty June (Mrs. Stanley Freeman), John Harrison and William.

Presiding over the ceremonies, which will begin at 4:30 p.m., will be IIT President John T. Rettaliata. After an invocation by the university chaplain, the Reverend Dr. Stephen B. Barnwell, Mr. Wishnick will make a presentation of the building, and Max A. Minnig, president and chief executive officer of Witco Chemical Company, will present the Witco Chemical Laboratories. The presentations will be accepted by Chester Armour, chairman of the IIT board of trustees. The appreciation of the faculty will be expressed by Dr. Hans L. Pearson, chairman of the IIT faculty council. Stuart J. Agres, president of the IIT Student Association will express the appreciation of the students.



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Jay Burns
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RELEASE: IMMEDIATE

October 11, 1966

ILLINOIS INSTITUTE OF TECHNOLOGY
1966-1967 Varsity Wrestling Schedule

1966

Nov.	30	University of Illinois (Chicago Campus)	Home	4:00
Dec.	5	Elmhurst College	Away	4:00
	15	Aurora College	Away	4:00

1967

Jan.	10	Concordia College	Away	4:00
	11	Wilson Jr. College	Home	4:00
Feb.	14	Lewis College	Home	4:00
	21	University of Chicago	Away	4:00
March	1	Milwaukee Institute of Technology	Away	4:00

COACH -- Tony Barbaro

CAPTAIN -- George Derby

IIT will also be participating in the Knox Tourney, which is scheduled to be held in the first week in December at Knox College, Gaylesburg, Illinois. Further details will be published when available.

Due to the impending construction of IIT's new gymnasium, and the recent destruction of the old one, all of this season's meets will be held at DeLaSalle High School. DeLaSalle is located between Michigan and Wabash Avenues north of 35th Street south.

from



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Jay Burns
225-6145

RELEASE:

IMMEDIATE

October 12, 1966

ILLINOIS INSTITUTE OF TECHNOLOGY 1966 VARSITY SWIMMING SCHEDULE

December	1	Wilson Junior College	Home	5:15
	6	Milwaukee Institute of Technology	Home	5:15
	10	Rockford College	There	2:00
	13	Wright Junior College	There	2:00
	15	Elgin Community College	Home	5:15
February	6	Amundsen College	There	4:15
	11	Rockford Relays (All Day)	There	Start at 10:00
	16	Wheaton College	Home	5:15
	18	Milwaukee Institute of Technology	There	2:00
	23	United States Naval Training Center	There	5:00
	25	University of Illinois (Chicago)		
		Illinois College	UIC	4:00

COACH - Ted Erikson

CAPTAIN - Steve Keller

All home meets will be held at the Valentine Boys Club Swimming Pool,
located at S. Emerald and 34th Streets.



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Sherrie Kahn
225-9600, Ext. 429

October 12, 1966

RELEASE: **IMMEDIATE**

CHICAGO -- One of the world's leading authorities on the theory of relativity will come to Illinois Institute of Technology October 21-22 to speak at a meeting of an esoteric professional society which encourages personal contact and communication among leading experts as an optimal approach for the advancement of science and research.

Dr. J. L. Synge of the Dublin (Ireland) Institute for Advanced Studies will speak at the seventh meeting of the Society for Natural Philosophy on the IIT campus. "Natural Philosophy" is a classic term embracing the basic sciences of natural phenomena, particularly physics and mechanics. Galileo and Newton were "natural philosophers," as opposed to "moral philosophers;" such as those of the Socratic and Aristotelian schools.

Dr. Peter Chiarulli, chairman of the department of mechanics at IIT, said this international society, now in its fourth year, avoids printed papers and abstracts because its purpose is to bring experts in the field together to talk with each other, rather than to add to the mounting volume of printed matter.

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ADD 1 --

Lectures will be presented at the October meeting by invitation, and round table discussions will give members the opportunity to express their opinions on any related topics. Among those participating are: Dr. Clifford A. Truesdell, a founder of the society, an expert in rational mechanics at Johns Hopkins University; Dr. Mario Bunge, authority on physical axiomatics from the University of Freiburg (Germany); Dr. Walter Noll, an authority on the axioms of mechanics from Carnegie Institute of Technology; and Dr. Marc Kac, authority on statistical mechanics, Rockefeller University.

Dr. Chiarulli and Dr. Roger Fosdick, IIT associate professor of mechanics and a charter member of the society, are co-chairmen of the local arrangements committee.



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Sherrie Kahn
225-9600, Ext. 429

RELEASE: **IMMEDIATE**

October 13, 1966

CHICAGO -- The appointment of Dr. A. Ross Shepherd as assistant dean of the graduate school at Illinois Institute of Technology was announced today by Dr. Martin A. Elliott, IIT academic vice president.

Dr. Elliott said that Dr. Shepherd will concentrate on research duties; coordinating and facilitating submission of research proposals from IIT faculty members and graduate students to the various research supporting organizations.

Appointed to the IIT faculty in 1963, Dr. Shepherd will continue as assistant professor of economics, teaching courses related to his specialty, macroeconomic theory (money, banking and international trade), while devoting part of his time to graduate school work during the academic year and concentrating on the research work of the graduate school during the summer.

A graduate of Harvard University, Dr. Shepherd received his M.A. and Ph.D. from Syracuse University. He is a native of Weedsport, New York.

NOTE TO EDITOR: Married and the father of one son, Dr. Shepherd is a member of the official board and the social concerns commission of the First Methodist Church of Oak Park. He is also the chairman-elect of the board of trustees of the Wesley Foundation at the University of Illinois Chicago Circle Campus. Dr. and Mrs. Shepherd live at 178 N. Taylor Ave., Oak Park, Ill.





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RELEASE: **IMMEDIATE**

Sherrie Kahn
225-9600, Ext. 429

October 17, 1966

CHICAGO -- A celebrated classical Indian singer makes her Midwest debut, Oct. 25, in a concert at Illinois Institute of Technology.

Mrs. M. S. Subbulakshmi will present a program of classical Karnataki music, popular Hindi bhanjans (devotional songs) and Indian folk-songs as a highlight of India Week (Oct. 24-29) sponsored by the India Association and Intercultural Center at IIT. The Chicago appearance, at 8 p.m. Tues., Oct. 25, will take place in the Grover M. Hermann Hall auditorium, 3241 S. Federal Street. Tickets are \$2.00 each and are available through the IIT Intercultural Center, 55 E. 33rd Street, (Phone: 225-9600, Ext. 461) or at the door.

Well-known in her native India, Mrs. Subbulakshmi comes to Chicago on her first American tour following an appearance at the United Nations Oct. 23. She recently has appeared in Scotland, England, Europe and the Middle East.

In 1947, the late Mahatma Ghandi asked "M.S.," as she is popularly known, to sing a particular bhanjan for his birthday celebration on Oct. 2. When she suggested that another singer do the song because

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ADD 1 --

she was not familiar with it, Ghandi said he "would rather hear Subbulakshmi speak it than any other sing it." Consequently, she learned the requested song and made a record of it which was broadcast over Indian Radio after Ghandi's death in 1948.

Other highlights of India Week at IIT will include a display of arts and crafts open free to the public all week at the Intercultural Center and a program of Indian songs, instrumental music as well as classical and folk dancing at Grover M. Hermann Hall, Saturday, Oct. 29, at 8 p.m., admission \$1.00.

National week programs, such as India Week, are part of the IIT Intercultural plan to help foreign students in Chicago retain ties with their native lands and help American students and the community better understand the cultural heritage of other nations, according to Ronald Heinrich, director of the IIT Intercultural Center.

from



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October 27, 1966

ILLINOIS INSTITUTE OF TECHNOLOGY
1967 VARSITY BASEBALL SCHEDULE

April	5	Illinois Teacher's College (South)	Home	3:00
	11	Wheaton College	Away	3:30
	13	St. Procopius College	Home	3:00
	15	Concordia College (2)	Home	12:00
	18	Lewis College	Home	3:00
	20	University of Chicago	Home	3:00
	22	Elmhurst College (2)	Home	12:00
	25	University of Illinois (Chicago Campus)	Home	3:00
	27	Wheaton College	Home	3:00
	29	Loras College (Dubuque, Iowa) (2)	Home	12:00
May	3	Illinois Teacher's College (South)	Home	3:00
	4	Lewis College	Away	3:30
	6	Aurora College (2)	Away	12:00
	8	University of Illinois (Chicago Campus)	Home	3:00
	10	St. Procopius College	Away	3:15
	16	Chicagoland Collegiate Tournament		
		IIT versus University of Chicago	Away	3:00
	23	University of Chicago	Away	3:30

COACH -- ED GLANCY

CAPTAIN -- TOM KINCAID

Home Field Located at 31st and State Streets.

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Sherrie Kahn
225-9600, Ext. 429

October 27, 1966

CHICAGO -- The appointment of S. Alan Baird as Peoria Area Chairman of the Illinois Institute of Technology National Alumni Campaign was announced today by Robert A. Pritzker, president of the Marmon Group, Inc., of Chicago, and national chairman of the alumni campaign.

A consulting engineer with offices at 1425 Rock Island, Peoria, Mr. Baird received his degree in mechanical engineering in 1925 from Armour Institute of Technology, a predecessor of IIT.

The alumni campaign is part of an IIT development drive, called "Investment In Tomorrow," in which \$25 million is being sought through personal solicitation on a nationwide basis and is intended for the achievement of the university's most urgent requirements in its long-range development program. These include faculty additions and salary increases, undergraduate scholarships and graduate fellowships, equipment and other program resources, and new buildings.

-more-

ADD 1 --

Illinois Institute of Technology, with its research affiliates, ranks third in the nation among all technological institutions in combined expenditures for education and research. It is a privately-supported, independent, coeducational university offering graduate and undergraduate programs in engineering, the physical and biological sciences, the social sciences and humanities, business management, design, architecture and city and regional planning. IIT was established in 1940 through the merger of Armour Institute of Technology (founded in 1892) and Lewis Institute (founded in 1896).

Mr. and Mrs. Baird live at 272 West Detweiller Drive, Peoria, Illinois.



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Public Relations

Also serving: Institute of Gas Technology and Crerar Library

For further information on this release, contact:

Sherrie Kahn
225-9600, Ext. 429

RELEASE: IMMEDIATE

October 28, 1966

CHICAGO -- The acquisition of an electron microscope with magnification power of up to 250,000 times actual size by the department of metallurgical engineering at Illinois Institute of Technology was announced today by Dr. Paul Gordon, chairman of the department.

The model JEM 7 microscope, manufactured by the Japan Electron Optics Laboratory Company, is the first of its kind in the Midwest according to Gordon. It was acquired through the use of matching funds made available through Title VI of the Higher Education Act of 1965 (administered through the U. S. Department of Health, Education and Welfare) and IIT money.

William R. Warke, IIT instructor in metallurgical engineering, said the microscope is used in fractography, the study of fractures in metals. In the study of the internal structure of metals, it acts as a camera as well as a magnifier. Warke explained that such studies are extremely useful in determining the causes of plane crashes and ships breaking up at sea, among other uses. He said there is a tremendous demand for people trained in electron microscopy by industry, research laboratories and in education.



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225-9600, Ext. 429
November, 1966

RELEASE:

IMMEDIATE

CHICAGO --

is a nominee from Illinois Institute of Technology for "Who's Who Among Students in American Universities and Colleges." Nominees were selected on the basis of service to the school, contributions to extra-curricular activities, and scholastic achievement.

Mr. Gordon Johnson of Caterpillar Tractor Co.,
congratulates (L to R) Gary Miyake (554 Belmont, Chicago),
Algis J. Ankus (4504 South Washtenaw, Chicago) and John R.
Ronge (302 West Center, Itasca) recipients of Caterpillar
Tractor scholarship funds at Illinois Institute of Technology.
The three students are studying metallurgical engineering
at IIT.

November 1, 1966

Sherrie Kahn
225-9600, Ext. 429

from

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from



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Public Relations

Also serving: Institute of Gas Technology and Crerar Library

For further information on this release, contact:

Jay Burns
842-9417

RELEASE:

IMMEDIATE

November 1, 1966

CHICAGO -- Illinois Institute of Technology's varsity cross-country team scored a double victory on Oct. 22 over Illinois Teachers College (North) and Trinity Christian College, both of Chicago, and won the triangular meet.

Leading the way for IIT in the three-mile meet were sophomore Dick Oldani and freshman Ken Miner who placed third and fourth overall, respectively. John Harper, John Davis, and Frank Erikson were the remaining finishers for IIT, all freshmen. The winning time was turned in by a Trinity man, at 16:20 followed by the number one Teachers man with a 16:35. Oldani was close behind with a 16:46 and Ken Miner pulled a 17:13.

The meet, held on IIT's home course, located along the lakefront south of 31st street, gave IIT its first dual and triangular victories of the season. The three-team meet scores were: IIT - 36, ITN - 42, TCC - 43. The dual meet scores were:

IIT	26	IIT	26	ITC	28
ITC	29	TCC	30	TCC	28

-more-

ADD 1 --

In IIT's opener with Rockford College and Illinois Teachers North and South, the Techawks took a hard trouncing as they were downed by all three of their opponents. IIT's first finisher again was Dick Oldani, with a 26:10 for the four mile course. Doug Stuart, a senior, took second for IIT with a 26:15, immediately behind Oldani, and finished eleventh overall. The winning time was 23:35 (Rockford). The meet was held at Rockford College.

In their second weekend of competition, the Techawks again went to Rockford for the Relays and again Oldani was first finisher for IIT and 57th overall with a time of 25:06. Stuart and Miner were the second and third finishers for IIT, with times of 26:23 and 26:33 respectively. The team placed eleventh in the overall competition.

The final meet of the year will take place here on November 5th versus Concordia College of River Forest and Illinois Teachers North.



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For further information on this release, contact:

RELEASE:

IMMEDIATE

Jay Burns
842-9417

November 1, 1966

CHICAGO -- Illinois Institute of Technology's new Bowling Coach Ed Bilek and Captain Jim Karlin have selected the bowling squad for the 1966-67 season. Named to the squad were Jim Karlin (avg. 181), Don Grimwood (178), Tom Salapatek (176), Hank DeGraaff (173), Elliott Silber (173), Harry Kroeger (171), Mike Sobyra (169), and Tom Kломann (166).

Karlin, Silber, and Kломann are the only returning members from last year's squad. Karlin, a senior in design, last season bowled several 200+ games, including a 232 and two 1000+ series (a 1032 and a 1003). This year he has already bowled a 266. Silber, a senior in physics, bowled a 300 game in non-competition play last year.

IIT began it's season Oct. 23 by defeating Loras College 7-4. The high game for IIT was 225 by Elliott Silber, and high individual series for IIT was 909 by Jim Karlin.

IIT's next bowling competition will be versus St. Joseph's College at IIT on Sunday, November 6 at 1:30 p.m. The home lanes are in the basement of Grover M. Hermann Hall, 3200 S. Federal Street, Chicago.



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For further information on this release, contact:

Sherrie Kahn
225-9600, Ext. 429

RELEASE: IMMEDIATE

November 7, 1966

CHICAGO -- The election of Elmer F. Reske, manager of the Illinois Inspection and Rating Bureau, to the board of trustees of Illinois Institute of Technology was announced today by Lester Armour, chairman of the IIT board and retired vice chairman of the Harris Trust and Savings Bank.

Mr. Reske, a native Chicagoan, was graduated with a bachelor of science degree in fire protection engineering from IIT in 1924. He will serve as an alumni representative on the IIT board of trustees.

He joined the Chicago Board of Underwriters following graduation and in 1938 was appointed acting chief engineer. In 1942, he was appointed chief engineer of the Cook County Inspection Bureau and rose to assistant manager in 1943 and manager in 1944. He assumed his current position in 1962.

A former president of the Society of Fire Protection Engineers, Mr. Reske was the first recipient of the Joseph P. Finnegan Award from the Chicago Chapter in 1962. He was honored by IIT alumni with the Alumni Service Award in 1964.

-more-

He is the author of numerous articles on fire protection and fire insurance. Among his many professional affiliations, Mr. Reske is a member of the Engineering Council of the National Board of Fire Underwriters, the International Association of Fire Chiefs, and the Fire Council of Underwriters' Laboratories, and a registered professional engineer in the State of Illinois.

Mr. and Mrs. Reske live in Chicago (10350 South Fairfield Ave.). They have two daughters, Virginia Lavery and Jane Liewen.

Public Relations

Also serving: Institute of Gas Technology and Crerar Library

For further information on this release, contact:

LEASE:

IMMEDIATE**Ed Hansen**
225-9600, Ext. 425

November 7, 1966

CHICAGO -- Carl E. Bagge, vice chairman of the Federal Power Commission, will be the luncheon speaker at the 25th Annual Meeting of the Institute of Gas Technology, an affiliate of Illinois Institute of Technology, on November 10, 1966. Bagge will discuss "regulatory policies that generate and sustain incentives for investment in technology and manpower." The address will be given at 1:15 p.m. in Grover M. Hermann Hall, 3200 S. Federal Street.

Bagge has been a member of the FPC for 17 months and was appointed vice chairman in March of this year. He is a native Chicagoan, a resident of Deerfield, and a graduate of the Northwestern University Law School. His legal practice was concerned almost exclusively with administrative law, and he appeared before such regulatory bodies as the Illinois and Interstate Commerce Commissions and the Atomic Energy Commission. He also served a term as chairman of the Section on Public Utilities Law of the Illinois State Bar Association.

EASE:

IMMEDIATE

Capt. J. Coughran
225-9600, Ext. 544

November 7, 1966

CHICAGO -- The Air Force ROTC Detachment at Illinois Institute of Technology recently acquired, through General Services Administration, two surplus nose cones and guidance systems from the MGM-13A Mace-A Missile. The nose cones and associated test equipment are valued at \$245,945 and will be used as instructional aids to familiarize IIT cadets with the theory and components of inertial guidance systems.

The nose cones were manufactured by Goodyear Aircraft Corporation of Akron, Ohio, for the Mace-A Missile, a tactical, air breathing surface-to-surface missile in service with the U. S. Air Force. The Mace-A has a speed of 650 mph and a range of almost 700 miles and can carry a nuclear or a conventional warhead. It is being replaced by the Mace-B, which has a 1200 mile range.

One of the guidance units will be available to Air Force ROTC students as a laboratory project. They will be able to dismantle the unit in order to study and test the various components. The second Mace nose cone unit will be utilized as a permanent display so that students may familiarize themselves with the basic principles of missile guidance systems.

-more-

ADD 1 --

Transportation of these units from the Goodyear Plant at Akron to O'Hare Airport was provided by the 928th Troop Carrier Group (Reserve) which is based at O'Hare.

Examining the guidance system of a Mace-A tactical, air-breathing, surface-to-surface missile (with heat shield removed) recently acquired by the Air Force ROTC Detachment at Illinois Institute of Technology are cadets Richard M. Cuttle, 10226 S. Longwood, Chicago; John A. Nowacki, 2815 N. Leavitt, Chicago; and Walter A. Balla, 491 Longcommon Rd., Riverside, Ill.

November 7, 1966

Capt. J. Coughran
225-9600, Ext. 544

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For further information on this release, contact:

LEASE:

IMMEDIATE

Ed Hansen

223-9600, Ext. 428

November 7, 1966

CHICAGO -- Carl E. Bagge, vice chairman of the Federal Power Commission, will be the luncheon speaker at the 25th Annual Meeting of the Institute of Gas Technology, an affiliate of Illinois Institute of Technology, on November 10, 1966. Bagge will discuss "regulatory policies that generate and sustain incentives for investment in technology and manpower." The address will be given at 1:15 p.m. in Grover M. Hermann Hall, 3200 S. Federal Street.

Bagge has been a member of the FPC for 17 months and was appointed vice chairman in March of this year. He is a native Chicagoan, a resident of Deerfield, and a graduate of the Northwestern University Law School. His legal practice was concerned almost exclusively with administrative law, and he appeared before such regulatory bodies as the Illinois and Interstate Commerce Commissions and the Atomic Energy Commission. He also served a term as chairman of the Section on Public Utilities Law of the Illinois State Bar Association.



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For further information on this release, contact:

Jay Burns
225-6145

RELEASE:

IMMEDIATE

November 9, 1966

1966-67 ILLINOIS INSTITUTE OF TECHNOLOGY
VARSITY BOWLING SCHEDULE

First Round

October 23	Loras College	Away
November 6	St. Joseph's College	Home
November 20	Notre Dame University	Away
December 4	DePaul University	Home
February 19	Loyola University (Chicago) (Rescheduled from Jan. 15)	Away

Second Round

February 12	Loras College	Home
February 19	Loyola University (Rescheduled first round match)	Away
February 26	St. Joseph's College	Away
March 12	Notre Dame University	Home
April 9	DePaul University	Away
April 23	Loyola University	Home
May 7	19th Annual MIBC Tournament	Loyola U.

All home matches are scheduled for the bowling lanes in the basement of Grover M. Hermann Hall, located at 3200 S. Federal St., Chicago. All matches are scheduled to begin at 1:30 p.m. and they are all on Sundays.

Team Coach -- Ed Bile, manager of the recreational facilities at Grover M. Hermann Hall. Telephone: 225-9600, Ext. 368.

Team Captain -- Jim Karlin, senior in the Institute of Design department of IIT. Telephone: 842-7407. Karlin is also secretary of the MIBC this year and one of IIT's representatives to the organization. Bilek is IIT's other representative.

Public Relations

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For further information on this release, contact:

Ed Hansen
225-9600, Ext. 429

LEASE:

Upon Delivery
Scheduled for 1:15 P.M. (CST)
November 10, 1966

CHICAGO -- A "ground floor" understanding of new power and energy concepts by regulatory bodies, to prevent delay or even stifling of progress, was called for by Commissioner Carl A. Bagge, Vice-Chairman of the Federal Power Commission, speaking today at the 25th Annual Meeting of the Institute of Gas Technology, an affiliate of Illinois Institute of Technology, on the IIT campus in Chicago.

Bagge suggested that some mechanism be worked out through which the regulatory engineer could participate in the evolution of a technological proposal to provide the broadest possible background and knowledge to the Commission for its evaluation when it reached the level of a workable idea.

Some criticism of regulatory lags in the approval of safety assurances for certain revolutionary energy storage and transmission concepts has been voiced recently. Bagge's remarks presumably addressed themselves to this reproach of developmental lags.

-more-

ADD 1 --

Bagge's subject, "Technological Commitment: Vanguard or Rear Guard?" followed an examination of the "Roadblocks to Progress" in the gas industry by the staff and members of IGT, the non-profit research and educational facility for the gas industry.

After congratulating the discussion leaders for their analysis of the specific problems of personnel, marketing and technology, Mr. Bagge discussed at some length what regulation must do to help solve these problems.

"Regulation must provide a climate where you are encouraged to innovate," he said, and added that regulation itself must be innovative.

"One of the main things regulation must always keep in mind, Bagge said, "is that it operates within a broader framework of an enterprise economy. This involves recognition that it is the enterprise nature of the regulated public industries and not the regulation, which provides the impetus for industry growth and the incentives for innovation."

In proposing ways in which regulation could help the gas industry solve some of the problems cited--particularly the personnel problem--Bagge suggested a trading of engineering personnel between the regulating agencies and the regulated industries as a possible route to better understanding of operating procedure in a real, not a statutory, world.

-more-

He also proposed a broadening of the proposed concept of FPC acceptance of independent C.P.A. auditing of utility books to that of an independent engineering firm certificating construction costs for a new facility.

Of the three roadblocks facing the gas industry, Bagge singled out technology as the basic answer to the other two problems.

"If the technology is there, the marketing and personnel problems will be solved," he said. Developing cheaper and better ways of providing natural gas for new and exciting applications will bring the markets to the industry. He said also that a deep and sincere commitment to technological growth would be a natural attraction to bring innovative, imaginative personnel to the field.

Public Relations

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For further information on this release, contact:

Sherrie Kahn
225-9600, Ext. 429

RELEASE:

MEMO TO THE EDITOR:

November 10, 1966

RE: Second Technical Meeting, Central States Section
Combustion Institute (CSSCI)

DATE: March 28-29, 1967

PLACE: Development Engineering Building Auditorium
NASA Lewis Research Center
21000 Brookpark Rd.
Cleveland, OhioPROPOSED High Intensity Industrial Combustion.
TOPICS: Waste processing, research results from large furnaces,
fundamental research and new industrial developments

For further information contact:

Dr. T. Paul Torda
President
Central States Section Combustion Institute
Department of Mechanical and Aerospace Engineering
Illinois Institute of Technology
3300 S. Federal Street
Chicago, Illinois 60616

Mr. Gordon Johnson (2nd from Right) of Caterpillar Tractor Co., talks with: (L to R) Gary Miyake (554 Belmont, Chicago), John R. Ronge (302 West Center, Itasca) and Algis J. Ankus (4504 S. Washtenaw, Chicago) recipients of Caterpillar Tractor scholarship funds at Illinois Institute of Technology. The three students are studying metallurgical engineering at IIT.

Nov. 11, 1966

Sherrie Kahn
225-9600, Ext. 429

IT

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RELEASE:

IMMEDIATE**Jay Burns**
225-6145

November 11, 1966

CHICAGO -- From a group of eight returning lettermen, one former letterman, and two freshmen, Illinois Institute of Technology Coach Ed Glancy and his assistant, Ed Maracich, hope to forge a fairly strong Techawk quintet for the 1966-67 season.

Glancy, starting his nineteenth year as mentor of the IIT team, has an added problem to combat this season. Loss, by demolition, of the old gym this summer has left IIT without a home until the new gym is finished, so the coach has been forced to move operations to DeLaSalle High School's small annex gym.

Captain Jay Kurtzman, a three year veteran, will once again be cast in the role of playmaker. Much of the success of the club depends on this versatile veteran--he must provide the leadership for the younger men.

Rick Klein, sensational scoring leader in '65-'66 (22 points/game), is expected to provide the bulk of the scoring drive which made him so outstanding in his freshman year. At 6'3", Klein does invaluable work around both boards and was the leading rebounder of the team last year. Also an outstanding baseball prospect, Klein will rank with IIT's all-time athletes before graduation three years hence.

-more-

Jerry Jacobsen, 6'5", 195 pounds, from Billings, Montana, and Eric Wilson, 6'4" forward, from the Chicago area, both regulars as freshmen, have a battle on their hands to maintain their status this year. Both flashed great promise at times last season but were inclined to "on and off" performances. Glancy hopes that Jacobsen's personal foul average will decrease this year without curbing his natural aggressiveness. Wilson, a Dean's Honor List student, has been working well up to date.

Perhaps the biggest improvement over last years performances has been shown by sophomore Lee Gleason, a 6'6 1/2", 225 pounder, from Toledo, Ohio. Troubled by inexperience and "game jitters" as a frosh, Lee has improved on his hook shot and has taken some velocity off his jump shot. From what the coaches have seen in the past six or seven work-outs, he has a fine chance to win a starting berth.

Absent last year because of a knee operation, veteran center Jerry Arndt, 6'6", 220 pounder from Random Lake, Wisconsin, returns to lend support on the backboards. The big lefthander could make a great difference to this young club. A good scorer, Jerry could pick up much of the scoring slack caused by the loss of last-year's co-captain, Bob Jewett due to scholastic problems. Arndt's return also softens the loss of 6'6" sophomore Jim Wildenradt, also due to scholastic problems.

Sophomore Jerry Hutchins, 6'3" speedster, has put on some weight, and appears stronger and more confident. From his recent improvement, "Hutch" has projected himself into consideration as Kurtzman's partner out front. Ed Skalka, 6'3" senior letterman, recovering from a recent

operation is slowly regaining form and is a valuable man in close.

Jim Britt, a letterwinner in '64-'65, has returned to the squad and, although hampered by a badly bruised foot, is coming along well. Jim Wetter, a freshman from DePaul Academy has shown in practice that he will definitely give Kurtzman, Hutchins and Britt a run for a starting guard assignment. The only other newcomer is a youngster, Terry Sjoreen, a 6'3" freshman from Sweden who has no previous basketball experience, but who has shown desire to learn and should develop for the future.

Regarding the season's outlook, coaches Glancy and Maracich hope to improve on last season's predominantly freshman team's record of five wins and fourteen losses. The year's experience gained by the sophomores plus the return of Jerry Arndt would seem to suggest that things are looking up for the Scarlet and Gray. Yet the big question to be answered is whether this group is capable of meeting the challenge of "blowing the close ones" which plagued them last year.



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For further information on this release, contact:

Jay Burns
225-9600, Ext. 429

RELEASE: IMMEDIATE

November 14, 1966

CHICAGO -- Illinois Institute of Technology's varsity bowling team defeated St. Joseph's College Sunday, November 6, 7-4 at IIT to pick up their second consecutive win this season without a loss. IIT won the first three games and the series to net their seven points.

Leading the way for IIT were captain Jim Karlin, Tom Klomann, Don Grimwood and Elliott Silber who all turned in over two 200 games in their five game scores. Hank DeGraaff, who only bowled four games managed one 200+ score.

Karlin tied one of his opponents for high game of the day which was a 239; Karlin's score came in the first game. He missed getting a 1000 pin series by 4 pins. Jim Berlier of St. Joseph bowled a brilliant match with four 200 games and a series total of 1044 pins.

The score by game was	<u>IIT</u>	<u>St. Joseph's</u>
	945	862
	910	879
	908	890
	912	941
	898	910
Series	4573	4482

IIT now has a record of six wins and four losses (games) and two series wins. As of November 5, IIT and Notre Dame were tied for first place with three wins and two losses with a series apiece.

IIT is scheduled to play Notre Dame on the 20th of this month at Notre Dame.



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Public Relations

Also serving: Institute of Gas Technology and Crerar Library

For further information on this release, contact:

Jay Burns
225-9600, Ext. 428

November 14, 1966

RELEASE: **IMMEDIATE**

CHICAGO -- Illinois Institute of Technology Athletic Director Bernard "Sonny" Weissman announced the letter awards for IIT's only fall sport, cross-country, today.

The announcement was made after a post season meeting of the cross-country squad. In the course of the meeting, Senior Dan Edwards, retiring captain of the IIT team, handed his position down by unanimous vote to sophomore Dick Oldani, who led the team this year.

Letter awards went to the following:

Soph. Dick Oldani--major letter
Sr. Doug Stuart--major letter
Fr. Ken Miner--major letter

Sr. Dan Edwards--minor letter
Fr. John Harper--minor letter
Soph. John Davis--minor letter

This was Oldani's second letter, Edwards' fourth, and all the others received their first letter (in cross-country). Doug Stuart has one letter in wrestling. It is IIT's policy to give an award winner a pullover letter-sweater with the first letter, a cardigan letter-sweater with the second letter and a letter jacket with the third or fourth letter.

The team turned in a 3-5 record in dual meets, won one and tied for second place in two triangular meets, placed 11th in the Rockford Relays and last in the only quadrangular meet they competed in this season.

-more-

ADD 1 -- Cross-Country Letter Awards

Although not as impressive as last year's 8-3 record, IIT has been working without a gymnasium this year, and also without the aid of graduate Wiran Bjorkmann, and last year's number one runner Nick Kokoran, who is having scholastic difficulties. IIT also runs a three-mile course which makes the adjustment to the now standard four-mile course a little more difficult.

The future looks a little brighter however, as the new gym should be finished by next Fall and this year's squad will all be back except for Edwards and Stuart who are seniors.

Listed is a summary of this season including both team and individual results.

October 8	Ill. Teachers College North	34
	Rockford College	35
	Ill. Teachers College South	68
	IIT	79
October 15	Rockford Relays - IIT eleventh (out of 11)	
October 22	IIT	36
	Ill. Teachers College North	42
	Trinity Christian College	43
October 29	Trinity College (Deerfield)	17
	IIT	54
	Ill. Teachers College South	54
November 5	Ill. Teachers College South	21
	IIT	34

Scores by Dual Meets

October 8	ITCN	17	IIT	42
	Rockford	19	IIT	36
	ITCS	24	IIT	31
October 22	ITCN	29	IIT	26
	TCC	30	IIT	26
October 29	TC	17	IIT	39
	ITCS	28	IIT	27
November 5	ITCS	21	IIT	34

Best time of season: 3Mile course--Dick Oldani, 16:46 vs JTC(S) and Trinity Christian College @IIT
 4Mile course--Dick Oldani, 25:06 in Rockford Relays
 Best Place Finished: Third in 3mile race, against ITC(S) and Trinity Christian College.

Public Relations

Also serving: Institute of Gas Technology and Crerar Library

For further information on this release, contact:

Sherrie Kahn
225-9600, Ext. 429

LEASE:

IMMEDIATE

November 30, 1966

CHICAGO -- The appointment of five area men to the Rockford Steering Committee of the Illinois Institute of Technology National Alumni Campaign, was announced today by Robert W. Erikson, Rockford Area Chairman of the alumni campaign, and assistant chief engineer, Sundstrand Hydraulics.

Those named are: William L. Doty, branch manager of the Barber-Colman Company in Loves Park, General Gifts Chairman for the area. He received his degree in mechanical engineering in 1950 from IIT.

Harley W. Mullins, vice president of Williams-Manny-Stevens & Engstrom, Inc., Rockford, who will be chairman of the Select and Special Gifts of the campaign. Mr. Mullins received his degree in fire protection and safety engineering in 1930 from Armour Institute of Technology, a predecessor of IIT.

Robert J. Ahlgren, sales engineer with Valley Material Service in Loves Park, who received his degree in mechanical engineering in 1945 from IIT.

-more-

Roy V. Norrlander, engineer with the Woodward Gov. Company, Rockford, who received his degree in mechanical engineering in 1947 from IIT.

Harry E. Ritter, vice president of manufacturing of Greenlee Brothers & Company, Rockford, who received his degree in mechanical engineering in 1949 from IIT.

The alumni campaign is part of an IIT development drive, called "Investment In Tomorrow," in which \$25 million is being sought through personal solicitation on a nationwide basis and is intended for the achievement of the university's most urgent requirements in its long-range development program. These include faculty additions and salary increases, undergraduate scholarships and graduate fellowships, equipment and other program resources, and new buildings.

Illinois Institute of Technology, with its research affiliates, ranks third in the nation among all technological institutions in combined expenditures for education and research. It is a privately-supported, independent, coeducational university offering graduate and undergraduate programs in engineering, the physical and biological sciences, the social sciences and humanities, business management,

design, architecture and city and regional planning. IIT was established in 1940 through the merger of Armour Institute of Technology (founded in 1892) and Lewis Institute (founded in 1896).

-30-

Editors Note:

Mr. and Mrs. Doty and their three children live at 328 Warren Ave., Rockford

Mr. and Mrs. Mullins live at 1017 Highview Ave., Rockford. They have two adult children, Dennis Mullins and Mrs. Carol A. Mallquist.

Mr. and Mrs. Ahlgren and their three children live at 2416 Highcrest Rd., Rockford.

Mr. and Mrs. Norrlander, 1411 Comanche Drive, Rockford, have two daughters.

Mr. and Mrs. Ritter of 2008 Greenfield Lane, Rockford, have two children.



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Also serving: Institute of Gas Technology and Crerar Library

For further information on this release, contact:

Sherrie Kahn
225-9600, Ext. 429

RELEASE:

IMMEDIATE

November 30, 1966

CHICAGO -- The appointment of L. Dean Alber, manager of The Home Insurance Company, 20 Middleboro Drive, N.E., Grand Rapids, Mich., as Grand Rapids Area Chairman of the Illinois Institute of Technology National Alumni Campaign, was announced today by Walter E. Schirmer, president of Clark Equipment Company, Buchanan, Mich., trustee of IIT, and Regional Chairman of Western Section, Michigan-Indiana-Ohio region of the alumni campaign.

Mr. Alber received his degree in fire protection and safety engineering in 1926 from Armour Institute of Technology, a predecessor of IIT. He has named four other Grand Rapids area residents to his steering committee to work on the campaign.

Steering committee members are:

Alfred C. Hoven, retired former chief project engineer for American Seating Company, who received his degree in mechanical engineering in 1921 from Armour Institute of Technology.

-more-

ADD 1 -- Grand Rapids Area Chairman

Leonard J. Inc, chief engineer of the control panel division of Harlo Corporation, who received his degree in electrical engineering in 1950 from IIT.

Harold J. Luth, Harayd Chemicals Co., Holland; who received his degree in chemical engineering in 1925 from Armour.

Stanley Tolbert Jr., who received his degree in mechanical engineering in 1947 from IIT.

The alumni campaign is part of an IIT development drive, called "Investment In Tomorrow," in which \$25 million is being sought through personal solicitation on a nationwide basis and is intended for the achievement of the university's most urgent requirements in its long-range development program. These include faculty additions and salary increases, undergraduate scholarships and graduate fellowships, equipment and other program resources, and new buildings.

Illinois Institute of Technology, with its research affiliates, ranks third in the nation among all technological institutions in combined expenditures for education and research. It is a privately-supported, independent, coeducational university offering graduate and undergraduate programs in engineering, the physical and biological sciences, the social sciences and humanities, business

-more-

management, design, architecture and city and regional planning.

IIT was established in 1940 through the merger of Armour Institute of Technology (founded in 1892) and Lewis Institute (founded in 1896).

-30-

Editors Note:

Mr. and Mrs. Alber live at 20 Middleboro Drive, N.E., Grand Rapids.

Mr. and Mrs. Hoven live at 1504 Lake Grove Ave., Grand Rapids.

Mr. and Mrs. Inc live at 1771 Acacia Drive, N.W., Grand Rapids

Mr. Luth lives at 627 Columbia Ave., Holland.

Mr. Tolbert lives at 1809 Clearbrook, S.E., Grand Rapids.



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Sherrie Kahn

225-9600, Ext. 428

RELEASE:

IMMEDIATE

November 30, 1966

CHICAGO -- The Swingle Singers, a novel musical group that sings the notes, but not words, to classical compositions, will present a concert on Saturday, December 10, on the campus of Illinois Institute of Technology. The program will include works by Bach, Mendelssohn and Chopin.

Sponsored by a student organization, the Union Board, the performance is open to the public and will begin at 8:30 p.m. in the auditorium of Grover M. Hermann Hall, 3241 S. Federal Street. Tickets, at \$3.00 each, are available at the door.

-30-

Editor's Note: Advanced reservations at Hermann Hall newstand.

Phone: 225-9600, Ext. 381.



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RELEASE:

IMMEDIATE

Ed Hansen

225-9600, Ext. 428

December 2, 1966

CHICAGO -- Four Chicago-area business leaders will participate in a panel discussion on business success at Illinois Institute of Technology on Wednesday, December 7, 1966. The speakers are all members of the Chicago chapter of the national Young Presidents' Organization, which limits its membership to presidents of sizable companies who have assumed the presidency before their fortieth birthdays.

Under the sponsorship of the IIT Interfraternity Council, the program will begin at 8:30 p.m. in the ballroom of Grover M. Hermann Hall, 3241 S. Federal Street on the IIT campus. Each of the youthful executives will speak about himself and his company in an effort to explain to the students the opportunities that exist for those that show individual initiative and extra effort. A question and answer period will follow.

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ADD 1 --

The speakers and their companies will be: Warren Thorp Davis, Jr., President of United Educators, Inc., Lake Bluff, Ill.; Fred A. Niles, President of the Niles Communications Center, Chicago; Irving Seaman, Jr., President of the National Boulevard Bank of Chicago; and Fred G. Wacker, Jr., President of Ammco Tools, Inc., Chicago.

Admission to the discussion is free and open to the general public.



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Sherrie Kahn
225-9600, Ext. 429

RELEASE:

December 6, 1966

MEMO TO PHOTO EDITORS:

The Fort Dearborn Chapter of the Daughters of the American Revolution, Evanston, Ill., will present a flag pole and flag to Illinois Institute of Technology, Wednesday, December 7, 1966, the 25th anniversary of the bombing of Pearl Harbor.

The presentation by Mrs. Cleland E. Leaman, DAR Regent, will be held at 11:10 a.m. on the fraternity commons, facing the new dormitory entrance on 33rd Street between Wabash and Michigan, on the IIT campus.

Public Relations

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Jay Burns
225-9600, Ext. 429

RELEASE: **IMMEDIATE**

December 8, 1966

CHICAGO -- Illinois Institute of Technology varsity sports schedule changes:

Basketball - The IIT Techawks will host Dominican College this Friday, December 9th at the University of Chicago Field House, not at DeLaSalle High School. Game time is still 8:00 p.m.

The site of the game with Elmhurst on the 7th of February has been changed to Elmhurst; it is no longer IIT's home game.

Wrestling - IIT will be one of the entries in the Knox College Quad Tourney to be held in Galesburg, Illinois at 7:00 p.m. on January 21.

IIT will wrestle Notre Dame University on their mats in South Bend, Ind. at 7:00 p.m., February 28.

Bowling - The November 20th match with Notre Dame University has been rescheduled to December 11.



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Sherrie Kahn
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RELEASE: **IMMEDIATE**

December 8, 1966

CHICAGO -- The appointment of Mark A. Anvaripour as assistant foreign student advisor at Illinois Institute of Technology was announced today by Dr. Martin A. Elliott, IIT vice president for academic affairs.

A former foreign student himself, Anvaripour will assist IIT students from abroad with government visa and academic admissions regulations as well as counsel and advise them on their personal problems of adjustment to American college life, Elliott said. He will serve on the staff of the IIT Intercultural Center.

A naturalized American citizen, Anvaripour is a native of Iran. He is a graduate of the University of San Francisco and has studied law at Hastings College at the University of California and political science at the University of Tehran (Iran).

He comes to IIT from a position with the American Friends of the Middle East, a private cultural foundation dedicated to mutual cultural and educational exchange between Americans and the peoples of the

-more-

ADD 1 --

Middle East and North Africa. Most recently, he worked in the programs department in A.F.M.E. Headquarters in Washington, D. C., but previously served as director of the organization's field office in Iran where he counselled and screened student applicants to American Universities and helped orient them to American college life before their arrival in the United States.

He also supervised some U. S. Government, private foundations and American university scholarships won by professors and students in Afghanistan, Turkey and Lebanon. IIT has a particular tie with Afghanistan in that some of its engineering professors are on the staff of the engineering school at the University of Kabul on a two-year rotating basis.

Anvaripour is married and the father of one daughter, age 8.

CAPTION FOR "FLAG OF THE DAY" COLUMN:

The flag flies daily on the campus of Illinois Institute of Technology following presentation ceremonies December 7. The flag and flagpole were presented to IIT by the Fort Dearborn Chapter of the Daughters of the American Revolution, Evanston, Ill. The location is the IIT fraternity commons, on the south side of 33rd Street between Wabash and Michigan Avenues.

December 8, 1966

Sherrie Kahn
225-9600, Ext. 429

news from

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RELEASE: IMMEDIATE

December 13, 1966

CHICAGO -- The education of psychology students in rehabilitation counseling at a university of science and technology may be unusual, but it's not illogical according to Dr. David B. Hershenson, assistant professor of psychology at Illinois Institute of Technology.

Dr. Hershenson is coordinator of rehabilitation counselor education at IIT, a program established this year through a grant of \$42,300 by the Vocational Rehabilitation Administration supplemented by IIT funds. The program is a two-year post-graduate course leading to a master of science degree in rehabilitation counseling and is the only one of its kind in a technological university in the country. It is aimed at training students to be psychological counselors, working with the handicapped. Such counselors evaluate the potential of the handicapped and work with physicians, physical and occupational therapists, social workers, and other professionals to help the handicapped person make the maximum use of his potential abilities.

"In a technological university such as IIT," Dr. Hershenson explains, "the counselor-students are surrounded by the apparatus of the future and experiments which can be adapted to helping the handicapped

-more-

in everyday life. A good example," he points out, "is the 'moon walker,' which was developed primarily to aid space men on the lunar surface, but which has proved useful in helping handicapped children walk on earth."

The so-called "eye switch," Dr. Hershenson said, is another example of an engineering device in current use to help the disabled. The eye switch, by means of a photo electric beam, allows a person paralyzed from the neck down to turn pages in a book by moving his eyes.

The basic task of the rehabilitation counselor is a complex and demanding one, according to Dr. Hershenson. "The counselor must accept the handicapped person--who is usually called a client--and help him become aware of his capacities, his hopes and fears, his view of himself and the world around him, in order to help him find a life for himself," he said.

But the rehabilitation counselor's work is not limited to the paralyzed and amputees and those suffering from other physical handicaps. Dr. Hershenson explained that they also work with the mentally restored (former mental patients), the retarded, socially disadvantaged, juvenile delinquents, ex-convicts, alcoholics and drug addicts.

In order to prepare students for their future role, the IIT program includes courses in psychological testing, personality theory, vocational development, abnormal psychology and an internship in a rehabilitation

-more-

agency where counseling is done by students under supervision.

Upon graduation, students will find employment opportunities in government and private agencies, hospitals and institutions. The 1965 pay scales showed starting salaries for rehabilitation counselors with master's degrees ranging between \$5,100 and \$8,500 a year, according to Dr. Hershenson.



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Ed Hansen
225-9600, Ext. 428

RELEASE: IMMEDIATE

December 15, 1966

CHICAGO -- The inauguration of a graduate program in public administration designed for beginning and mid-career public officials has been announced by Illinois Institute of Technology. The program will be supported in part by a \$50,000 grant from the Bowman C. Lingle Testamentary Trust, set up under the will of Mr. Lingle, a vice president and director of the Harris Trust and Savings Bank, who died in 1959.

In describing the new program, Dr. Martin A. Elliott, academic vice president of IIT, said its major objective is to assist in increasing the professionalization of public administration, particularly in the Chicago area. The program will provide a curriculum for full-time students and will also permit practicing public administrators to participate part-time, in evening classes.

The grant awarded IIT provides for a Bowman C. Lingle Fellowship which will be awarded annually. Students entering the Master of Public Administration program who meet the criteria of intellectual ability and interest in the practice of public administration will be eligible to compete for the fellowship which provides a stipend of \$4,800.00 yearly.

-more-

ADD 1 --

The director of the program is Dr. Margaret G. Oslund, associate professor in IIT's department of political and social science. Before coming to Chicago, Dr. Oslund taught public administration and management at the University of Missouri, Kansas City, and at the University of Southern California. She has conducted research in various areas of government and is the co-author of a monograph, "The Politics of Administrative Behavior."

Dr. Oslund, discussing the need for the program, said, "It is obvious that men of good will and serious intentions cannot effectively implement and guide complex public programs unless adequately trained to do so. Most public administrators move into positions of significant leadership responsibility in mid-career, a time when demand for performance is paramount. Our program will provide opportunities for mid-career education."

Dr. Charles A. Pounian, personnel director of the Chicago Civil Service Commission and part-time lecturer in public administration at IIT, will conduct courses in public personnel problems. He is responsible for the Commission's personnel program including civil service examinations, recruitment, training and development, position classification and salary administration. The Civil Service Commission is the central personnel agency for the City of Chicago government, which employs

-more-

ADD 2 --

approximately 46,000 persons. Dr. Pounian received his Ph.D. in psychology from IIT in 1960.

Courses in the administration of complex organizations and in budgetary administration will be taught by Dr. Jim Munro, assistant professor of public administration. Dr. Munro, who will join the IIT faculty in February, received his Ph.D. from the University of Kansas. He is currently teaching at the University of Adelaide, Australia.

In addition, Dr. Donald W. Smithburg, a professor of political science who has been a member of the IIT faculty since 1946, will conduct seminars in public administration and the administrative aspects of planning. Dr. Smithburg received his Ph.D. from Harvard University.



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Ed Hansen
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RELEASE: **IMMEDIATE**

December 19, 1966

CHICAGO -- A major appointment to the faculty of Illinois Institute of Technology was announced today by Dr. Martin A. Elliott, IIT vice president for academic affairs. Dr. Teru Hayashi, now chairman of the department of zoology at Columbia University and an internationally recognized authority on the physiology of cell movement, will become chairman of the department of biology at IIT in February, 1967, Dr. Elliott stated.

At IIT the department of biology is a part of the college of liberal arts. Commenting on the Hayashi appointment, Dr. Hans O. Maukach, dean of liberal arts, said: "The appointment of Dr. Teru Hayashi as chairman of the biology department at IIT is an important step in the university's development of excellence across the broad front of the arts and sciences. In Dr. Hayashi, we are obtaining a biological scientist whose achievements and academic interests are a guarantee that the biological sciences at IIT will pursue the highest standards."

-more-

Dean Mauksch pointed out that Dr. Hayashi is taking over leadership of a department which has increased its research volume four-fold in the last five years, and is now in the process of occupying laboratories and offices in the new \$3,200,000 Life Sciences Building on the campus. He said that Dr. Hayashi is planning to attract additional scientists to join him in the department. The new biology facilities, the dean said, are designed to permit maximum flexibility to meet the needs of a growing department.

In discussing his plans for the department at IIT, Dr. Hayashi stated that, since the vast field of biology is the most rapidly changing of all the sciences in a world that is being changed by science at a rate that has no historical parallel, an academic program in biology must be ready to innovate. "It would be rash presumption," he said, "for anyone to claim to know what the biology of the next twenty years will be, or even to know how to prepare coming generations for this biology."

"Two things are quite certain," he continued. "Higher education in biology is of the utmost importance, and the old standard ways of teaching this science are no longer adequate."

Dr. Hayashi indicated that two principles would guide his approach to an academic program in biology. "The first, that the scholarly approach to knowledge and understanding make science and the humanities identical, is a concept of fundamental importance in a science-oriented world " he said. "The second principle is that knowledge and understanding stem not so much from the discovery of new facts, but from the ascertainment of new relationships between these facts."

Noting that the great advances in biology during the last several decades have resulted from knowledge derived from the physical and chemical sciences, Dr. Hayashi said that IIT, because of its established excellence in these fields, offers great opportunities for fruitful interaction between biological and physical scientists.

He said that since no single department is large enough to cover all aspects of biology at the graduate level, faculty and graduate research at IIT would concentrate at the level of the living cell. "A program of research centered on the cell," he said, "will aim to turn out biologists well-trained in the related sciences, so that biophysicists, chemical biologists, molecular biologists and biochemists may all be expected to emerge from IIT."

"The undergraduate program," he said, "will carry out the same theme, suitably adjusted to emphasize the liberal arts nature of the subject, particularly at the elementary levels. Adjustment will also be necessary in consideration of the changing emphases of biology teaching in the secondary schools."

"By bringing together the natural sciences in the way that they have fused in modern biology," Dr. Hayashi continued, "the excellence of the physical and chemical sciences already established at IIT can be utilized to interest talented students in the field of biology. Undergraduate teaching at IIT, in other words, can become a resource for the development of graduate biology. Undergraduate biology will begin in the college of liberal arts, but, it is hoped, will expand throughout the university."

With regard to his own special field of research, Dr. Hayashi stated: "One of the fundamental properties of living things is movement. In higher forms this is brought about by the activity of muscles; but in lower forms, movement is achieved by the activities of cells. At the molecular level there is some evidence that all types of movement have a common basis."

"The study of movement at the molecular level," he said, "has been primarily developed in muscle by the studies of contractile proteins, actin and myosin. These two proteins must interact in some unknown way in order to achieve the transformation of chemical energy into kinetic energy. My laboratory at IIT will be concerned first with the characterization of the protein actin, and secondly with the interactions of actin and myosin. Movement in the test tube has already been achieved, and it is with the hope of unraveling the detailed reactions and energetics of this movement that the research will be conducted."

"The understanding of muscle activity at the molecular level," Dr. Hayashi said, "will lead to the possibility of elucidating the synthesis of these proteins in the muscle during the course of embryonic development. This, in turn, can lead to our understanding of muscle function in common diseases such as muscular dystrophy and the degeneration of muscle with the failure of nerve function, as well as the increase in size and efficiency of muscle function with use and exercise."

Dr. Hayashi, a native of Atlantic City, N. J., joined the faculty of Columbia University in 1946, after having taught and conducted research in zoology at the University of Missouri and having been an instructor in physics for the U. S. Army Air Force during World War II. He has headed the Columbia department of zoology since 1963. He is the author or co-author of approximately forty technical papers in the field of cell physiology, and has been the recipient of Guggenheim and Fulbright fellowships.

He is a member of a number of professional societies, a past president of the Society of General Physiologists, a member of the National Research Council, a trustee of the Marine Biological Laboratory, and an honorary member of Phi Beta Kappa. He received his bachelor of science degree from Ursinus College in Pennsylvania and did graduate work at the University of Pennsylvania and at the University of Missouri. He received his Ph.D. from the University of Missouri in 1943.

IMMEDIATE

Sherrie Kahn
225-9600, Ext. 429

CHICAGO -- The appointment of Mark A. Mass, project engineer

with Babson Brothers Company, Oakbrook, Ill., as chairman for the

Joliet Area of the Illinois Institute of Technology National Alumni

Campaign was announced today by Henry Freund, president of the Essex

Graham Company of Chicago and South Central Region chairman of the

alumni campaign.

The alumni campaign is part of an IIT development drive, called

"Investment In Tomorrow," in which \$25 million is being sought through

personal solicitation on a nationwide basis and is intended for the

achievement of the university's most urgent requirements in its

long-range development program. These include faculty additions

and salary increases, undergraduate scholarships and graduate fellowships,

equipment and other program resources, and new buildings.

Mr. Mass received his degree in mechanical engineering in 1963

from IIT. He is a member of the Illinois Society of Professional

Engineers and the American Society of Mechanical Engineers. Married

and the father of two sons, he lives at 2518 Fairway Drive, Joliet.

IMMEDIATE

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and the father of two sons, he lives at 2518 Fairway Drive, Joliet.

IIT has picked up a new weight class in the person of John Leong

at 115 lbs. Other new men are Gerard Seyler in the 123 lb. division,

and Gary Tollefson, a substitute for Derby.

It is hoped that Derby will be able to make the rest of the season.

Bowling

IIT dropped two quick ones to Notre Dame University and DePaul

University to concede the lead in the MIBC first round to DePaul.

After the Techawks' victory over St. Joseph's they were in first by

a point but, the next two meets evened up their record at 2-2.

Against DePaul, the IIT bowlers shot very poorly compared to previous

scores, with an average score of 832 pins per game compared to a previous

average of 894 pins per game. There were only two 200+ games (Hank

Degraaff 234; Jim Karlin 221) and nine games under 160, compared to a

previous average of six 200+ games and five games under 160.

Notre Dame, which has four bowlers in the top eight, defeated IIT

7-4, four men having 900+ series.

IIT had three 900+ series (Don Grimwood 943, Hank Degraaff 934

and Jim Karlin 901) and three 200+ games (Don Grimwood 204, 219 and

Hank Degraaff 220). There were six games under 160 for IIT, four of

which were under 140. Notre Dame shot only three games under 160.

IIT will not bowl again until February 12 when they will entertain

Loras College here at 1:30 p.m. at Grover M. Hermann Hall. The lanes are

located in the basement. The first round game with Loyola has been

rescheduled for February 19 at Loyola.

captain Steve Keller won the 200-yd freestyle in the first meet and swam exhibition in the second meet although his time would have won. IIT also won both relays against MIT.

The squad needs divers badly, since Stu Van Dyke and Jerry Ozaniec of last year's team are not out this year. However Erikson is quite pleased in this year's 2-0 improvement over last years 9-8 standings.

Wrestling

Coach Tony Barbaro's matmen are 1-1 after getting a bad start this season. The squad lost to UICC 3-5 and beat Elmhurst 22-18.

One of the reasons for the slow beginning was the absence due to injuries of George Derby--two-year captain and undefeated last season in the 160 lb. class. As a result, other men had to be shifted out of their weight classes. Kincaid was moved up to Derby's spot from the 152 lb. spot; and a new man, Ron Rothrock, had to move up from 145 to fill

Kincaid's spot.

Dick Rosicky pinned his man in the heavyweight division to pick up IIT's only pts. against the Circle, and stretched his record to seven straight pins. His streak ended in Elmhurst.

Sophomore standout Tom Souris lost the first meet of his college career on pts. in the 137 lb. class. He had an 8-0 record last year. He won by forfeit over Elmhurst.

-more-

Glancy also commented on 6-5 sophomore Eric Wilson, who pulled in 17 pts. against Lewis. Wilson, who has been battling against Jr.

letterman 6-3 Ed Skalka and 6-6 sr. letterman Jerry Arndt for playing time has gained a definite starting berth. An extremely quick freshman, Jim Wetter, has been improving with experience and could prove to be one of the valuable assets to the team. Wetter has been averaging 10 ppg, mostly on his fine outside jumper.

Swimming

Coach Ted Erikson, of IIT's Aquanauts, has finally got what he

wanted--a team. Gene Schoenderwood, out on scholastic probation for a year and a half, is back with the team, and his return has been greatly

appreciated. A new man from Canton, Ohio, Bill Hosford, has already

broken two school records. Jr. Paul Miklos has returned to the team to

give needed strength in the distance events. Sophomore Mike Green has

collected his share of firsts, although he wasn't on the team last year

either.

In the first meet of the year, against Wilson Jr. College, which IIT

won 58-36, freshman Hosford set records in the 100 and 200 yd. freestyle.

His time for the 100 yd. event was 0:53.9, .9 seconds off the old mark,

and he clipped the 200 yd. record by 6.4 seconds with a 2:03.6.

Hosford is on the same events in the next meet against Milwaukee

Institute of Technology, which IIT won 60-34. Gene Schoenderwood picked up

firsts in the 160 yd. individual medley and the 200 yd. backstroke in both

meets. Paul Miklos won the 500-yd. freestyle in both meets and senior

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IMMEDIATE

RELEASE:

Jay Burns

225-9600, Ext. 429

For further information on this release, contact:

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Public Relations

December 19, 1966

CHICAGO -- Illinois Institute of Technology's varsity basketball

squad, hampered by the absence of sophomore star Rick Klein, dropped

their sixth in a row to Lewis College, 81-66. Jerry Jacobsen was high

man for the Techawks with 18.

Although the score does not show it, the Chicago cagers were in the

game for almost the entire playing period. In the first half, the score

was tied at 20 when Lewis' outstanding Perry Williams put them ahead for

the final time. Even so, the score was 36-35 with only 20 seconds

remaining in the first period. IIT started off a slow second half, but

finally managed to pick up and with about four minutes left, they were

four points down from the flyers' 56. After that, Lewis ran away with the

game on fast breaks and continued good shooting.

Veteran Coach Ed Glancy said he was pleased with his boys' performance,

however, in light of the past inconsistencies this season, and especially

without the help of leading scorer and rebounder Klein, who rates 20 ppg

and 10 grabs a game. The Techawks shot 45% from the field, roughly

10% better than any one of their previous games, although Lewis hit an

amazing 60%.

-more-

UNDATED

Mrs. Nayan Hemmaday of India teaches her native dances to Cheryl Dausman, 3, and pre-kindergarten children on the campus of Illinois Institute of Technology. The youngsters are enrolled in a summer program sponsored by the Intercultural Center at IIT which includes artwork, music and dancing from the various countries represented by the IIT faculty and student body.

from

Sherrie Kahn
225-9600, Ext. 429

IIT ILLINOIS INSTITUTE OF TECHNOLOGY
3601 SOUTH KASHAN AVE. CHICAGO, ILLINOIS 60607



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UPDATED

(L to R) Mrs. Chandra Rao, Mrs. Sakuntala Rajan and Mrs. Nayan Hemmady help 3-year-old Cheryl Dausman into an Indian child's dress during the Indian Day program on the campus of Illinois Institute of Technology. Mrs. Hemmady taught native dances to Cheryl and other pre-kindergarten children enrolled in the summer program sponsored by the Intercultural Center at IIT. The program includes artwork, music and dancing from the various countries represented by the IIT faculty and student body.

Sherrie Kahn
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